

```
1 <?php
2
3 /**
4  * @author GOLAY Brian
5  * @version 1.0 (2021/05/20)
6  * modify user data logic here
7  */
8 require_once "../sql/userDAO.php";
9
10 use FlightClub\sql\userDAO;
11
12 //we check if the user is already logged-in
13 if (!$_SESSION['connected']) {
14     header("Location: ../index.php?page=homepage");
15     exit();
16 }
17 //we filter the user input
18 $newPassword = filter_input(INPUT_POST, "newpassword", FILTER_SANITIZE_STRING);
19 $repeatNewPassword = filter_input(INPUT_POST, "repeatnewpassword",
20     FILTER_SANITIZE_STRING);
21 $oldPassword = filter_input(INPUT_POST, "oldpassword", FILTER_SANITIZE_STRING);
22 $messageErreur = "";
23 $messageSucces = "";
24 //we check that the email and password are filled
25 if (!empty($newPassword) && !empty($repeatNewPassword) && !empty($oldPassword)) {
26
27     //we hash the user password
28     $hashed = hash('sha512', $oldPassword);
29     $salted = substr($hashed, 0, 20) . $hashed . substr($hashed, 50, 70);
30     $hashed = hash('sha512', $salted);
31
32     //we compare the hashed password of the user with the one in the database
33     if (password_verify($hashed,
34         userDAO::getUserByEmail(userDAO::getUserByID($_SESSION['userID']))['Txt_Email'])
35         ['Txt_Password_Hash'])) {
36         //we check that booth of the new password are the same
37         if ($newPassword == $repeatNewPassword) {
38             //we hash the new password to make it work with the login
39             $hashed = hash('sha512', $newPassword);
40             $salted = substr($hashed, 0, 20) . $hashed . substr($hashed, 50, 70);
41             $hashed = hash('sha512', $salted);
42
43             //we hash again with password hash
44             $hashed = password_hash($hashed, PASSWORD_BCRYPT);
45
46             //we update the password in the database
47             UserDAO::changePassword($_SESSION['userID'], $hashed);
48             //we display a success message to the user
49             $messageSucces = "Mot de passe changé avec succès";
50         } else {
51             //we display an error message to the user
52             $messageErreur = "Les 2 mot de passe saisis ne sont pas identiques!";
53         }
54     } else {
55         //we display an error message to the user
56         $messageErreur = "Mauvais mot de passe!";
57     }
58 }
```